
Vermont Yankee Nuclear Decommissioning
Citizen Advisory Panel Meeting

DEC Oversight Status

March 15, 2021

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Waste Management and Prevention Division



Communications

- The ANR, VTDoH, VYNorthStar and Haley & Aldrich hold regular teleconferences to discuss site progress, permit status, and submittals
- The ANR, PSD and 4 Points meet monthly to review site progress and expenditures from the nuclear decommissioning and site restoration trusts
- Quarterly NDCAP meetings
- Public comments are solicited for draft permits and corrective action plans through the Environmental Notice Board
- Both VYNorthStar and the ANR maintain public information websites
- The ANR, VTDoH and PSD conduct regular site visits

Groundwater Sampling

- The annual groundwater sampling report is expected for review in May
- Quarterly sampling continues and was performed week of March 1 and included split samples with ATC
 - The results so far have shown groundwater exceedances near a few AOCs
 - No area-wide ground water contamination for non-radiological compounds
 - Split samples verified results

H&A Work

- H&A submitted a Non-Radiological Data Evaluation Report
 - This has been forwarded to the VTDoH risk assessor for evaluation. Review is delayed until after May due to COVID
- H&A installed a groundwater interception system for the Turbine Building. The proposed discharge is to the CT River through the former cooling tower water discharge system.

Corrective Action Plans

- No new Corrective Action Plans were submitted during this period.
- The previous CAPs for AOCs #3, #7 and #8 as well as a general CAP were approved by the DEC and will be implemented as the demolition schedule allows.

Reviews

- ANR Wastewater Program drafted the ground water discharge permit with input from the VTDoH. The permit is out for public comment until April 1.
 - VTDoH developed the groundwater testing criteria
- The ANR and VTDoH have the Non-Radiological Data Evaluation Report; review has been delayed by COVID priority. ATC completed their review of this report
- ANR reviewed the H&A Post-Demolition Sampling Plan and is now considering H&A response to comments. This plan details how samples will be collected from under building after demolition.

Ongoing Work

- Asbestos abatement is largely complete as building equipment and interiors have been removed. ATC did not report significant anomalies during abatement observation site visits; currently no ATC asbestos abatement site visits are scheduled.
- Pre-demolition building material characterization also is ongoing. This is used to determine demolition debris disposal

Tech Support Contractor

ATC Group Services

- Continue to provide their evaluations of H&A submitted reports and workplans
 - ATC reviewed the H&A Non-Radiological Data Evaluation report
- Continue with split sampling as requested by the DEC
- Will continue with asbestos work as necessary.
- ATC contract was renewed for a 2-year extension

DEC Future Work

- Continue reviews of work plans, environmental permits, disposal documents, sample results, corrective action plans, site remediation and anything else submitted by H&A or VYNorthStar
- Use tech support contractor for
 - Split sampling
 - Submittal reviews
- Site visit and teleconference frequency are expected to increase as site work increases during warmer weather. (Will depend on COVID vaccination and/or outbreak status)